

HIGH SPEED THERMAL FILM LAMINATING MACHINE WITH 2ND SIDE LAMINATION UNIT KMY-1050DD (MAX 1050MM*1050MM)

TECHNICAL CHARACTERISTICS

Types of film	OPP, PET, METALIC, NYLON, etc.
Max mechanical speed	100m/min
Max working speed	95m/min
Sheet size max	1050mm x 1050mm
Sheet size min	390mm x 390mm
Paper weight	120-450gsm
Machine weight	10000Kg

FEEDER

- Feeder head driven by shaft
- Pile loading facilities
- Dry suction and blowing pump
- Automatic motorized loading platform with auto protection function
- Gates: precise overlapping +/- 1.5mm
- Electronic overlap control
- Pile height: 1100mm
- Push-in loading of pallets

LAMINATOR

- Chromed double high-brightness coupling rollers.
- Heating type: High accuracy intelligent heating system (internal electromagnetic cylinder), patented technology from Japan. No oil or water, safe and clean. Save up to 30% of electricity consumption compared to oil heating solution. Heating temperature stable and heat compensation fast.
- Electronic temperature control: Surface temperature difference < 1 °C
- Automatic film tension control
- Air Shaft locking mechanism
- 10-inch touch screen, friendly interface
- Pressure: Counter pressure roller pneumatically activated, no risk of leaking
- Film slitter and re-winder
- Process control: single central panel for ease of operation

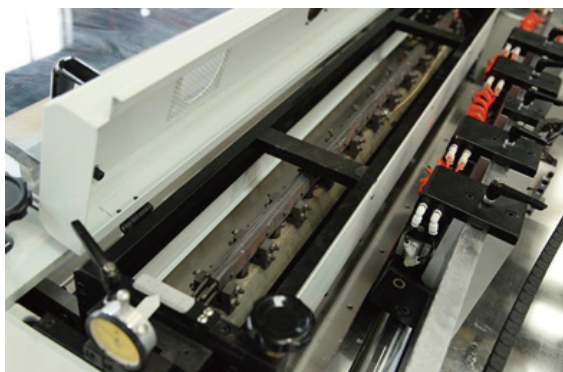


BACK SIDE LAMINATOR

- Chromed double high-brightness coupling rollers.
- Heating type: High accuracy intelligent heating system (internal electromagnetic cylinder), patented technology from Japan.
- Electronic temperature control: Surface temperature difference < 1 °C
- Pressure: Counter pressure roller pneumatically activated, no risk of leaking

SHEET SEPARATOR

- Patented hot knife technology from our Italian partner for cutting PET, Metallic or Nylon film.
- OPTIONAL: double BAUMER laser sensors made in Switzerland, for accurately detecting hot knife cutting position and guaranteeing clean cutting edge. Manual positioning included.



- Sand wheel
- Piston Knife
- Fully automatic integrated snapping roll
- Sheet blower

STACKER

- Automatic slow down when sheets in disorder
- Belt system for thin paper
- Pile loading: Pallet in feed
- Pneumatic side pushers
- Automatic motorized platform with auto protection function
- Pile height: 1100mm

POWER

- Voltage 380V-50 Hz
- 3 phases plus earth and neutral with a circuit breaker
- Overall working power 45Kw

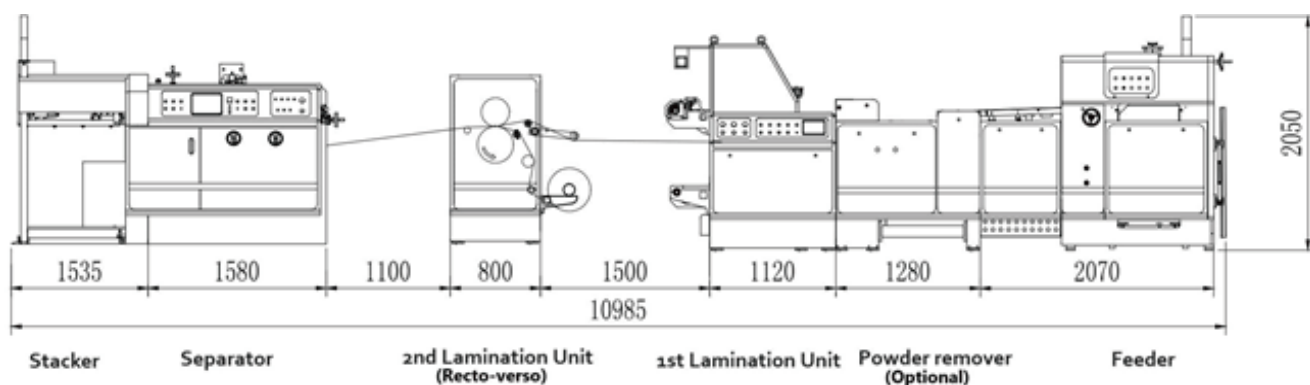
AIR

- Pressure: 6 bar or 90 psi
- Incoming air: 12mm diameter pipe

SAFETY APPROVAL

- CE

LAYOUT



MAIN COMMERCIAL PARTS

KMY-1050D Main Commercial Part List				
No	Name	Brand		Note
1	Industrial Motion Controller 	B&R	 A member of the ABB Group	Austria
2	Hot knife servo motor 	B&R	 A member of the ABB Group	Austria
3	Hot knife servo drive	B&R	 A member of the ABB Group	Austria
4	Extension module 	B&R	 A member of the ABB Group	Austria
5	Other servo motors and drives	INVT		
6	Sensor	OMRON		
7	Proximity switch	OMRON		
8	Hot knife laser sensor	BAUMER	 Passion for Sensors	SWITZERLAND
9	Pneumatic parts	AIRTAC / SNS		
10	Bearings	C&U		
11	Intelligent Electromagnetic Heating System	DR		Japan
12	Air pump	BECKER		GERMANY

KDX AMERICA

Address: 8401 W Suite A 47th Street McCook IL 60525

E-Mail: sales@kdxamerica.com

Tel: 1-877-492-9210 (Toll Free)

Web: www.kdxamerica.com